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PENNSYLVANIA EMPLOYMENT AND EARNINGS

A STATEWIDE SUMMARY OF
LEVELS AND TRENDS

DATA FOR DECEMBER 1984

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In cooperation with the United States Bureau of Labor Statistics

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– EXPLANATORY –

INDUSTRY EMPLOYMENT

Employment data refer to persons on establishment payrolls who received pay for any part of the pay period which includes the 12th of the month. The data exclude proprietors, the self-employed, unpaid family workers, farm workers, and domestic workers in households. Salaried officers of corporations are included. Government employment covers only civilian employees; Federal military personnel are excluded from the estimates of total nonagricultural employment.

Persons on an establishment payroll who are on paid sick leave (when pay is received directly from the firm), on paid holiday or paid vacation, or who work during any part of the pay period and are unemployed or on strike during the rest of the period, are counted as employed. Not counted as employed are persons who, during the pay period which includes the 12th, are laid off, on leave without pay or on strike for the entire period, or who are hired but do not report to work during the period.

INDUSTRY HOURS AND EARNINGS

Hours and earnings data are derived from reports of payroll and man-hours for production and related workers in mining and manufacturing, construction workers in contract construction, and nonsupervisory employees in all other industries in the private sector. When the reported pay period exceeds one week, the payroll and man-hour figures are reduced to a weekly basis.

AVERAGE HOURLY AND WEEKLY EARNINGS

Average hourly earnings for manufacturing and nonmanufacturing industries are on a "gross" basis, reflecting not only changes in basic hourly rates, but also such variable factors as premium pay for overtime and shift work, and changes in output of workers paid on an incentive plan. Excluded from average earnings are: irregular bonuses, retroactive items, payments of various welfare benefits, and payroll taxes paid by employers.

THE "LINK RELATIVE" TECHNIQUE

From a sample of establishments, which reported for both the previous and current months, the ratio of current month employment to that of the previous month is computed. The estimates of employment for the current month are obtained by multiplying the estimates for the previous month by these "link relatives ".

At the aggregate industry-level, i.e., divisions and groups, employment is the sum of the employment estimates for component industries. Annual average employment is the sum of the monthly estimates divided by 12.

Each year employment estimates are compared with comprehensive counts of employment, which provide annual "benchmarks" for the various industries defined as nonagricultural, and appropriate adjustments are made as indicated. The primary source of benchmark information is the employment data, by industry, compiled quarterly by State agencies from reports of establishments covered under State unemployment insurance laws.

This report is prepared by the Research and Statistics Division.
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A N N O U N C E M E N T

The release of the 4th quarter 1984 Labor Market Letter marks the last time that employment and unemployment data will be released on a Standard Metropolitan Statistical Area (SMSA) basis. The U.S. Office of Management and Budget has replaced the term Standard Metropolitan Statistical Area with the terms Metropolitan Statistical Area (MSA), Consolidated Metropolitan Statistical Area (CMSA), or, Primary Metropolitan Statistical Area, (PMSA). The State's 2 largest Labor Market Areas, Philadelphia and Pittsburgh, have more than 1 million residents and each form part of a CMSA; component areas within each CMSA are to be known as PMSAs. Statistical data will be published for 3 Primary Metropolitan Statistical Areas and 12 Metropolitan Statistical Areas in Pennsylvania.

Along with the change in classification there have been some changes in the Geographic Areas encompassed by some of the new MSAs and PMSAs, and by some of the small Labor Market Areas as well. The most important changes are:

1. Harrisburg-Lebanon-Carlisle MSA (formerly Harrisburg SMSA) will consist of Cumberland, Dauphin and Perry Counties, as before, to which Lebanon County is now added.

2. Scranton--Wilkes-Barre MSA (formerly Northeast Pennsylvania SMSA) will consist of Lackawanna, Luzerne and Monroe Counties, as before, to which Columbia and Wyoming Counties are now added.

3. Pittsburgh PMSA (formerly Pittsburgh SMSA) will consist of Allegheny, Washington and Westmoreland Counties, as before, to which Fayette County is now added and from which Beaver County is now excluded.

4. Beaver County PMSA (formerly part of Pittsburgh SMSA) will now be a separate Labor Market Area.

Because of these changes, the following Labor Market Areas have now been absorbed by PMSAs or MSAs and will cease to exist as separate Labor Market Areas: Berwick/Bloomsburg LMA (Columbia County), Lebanon LMA (Lebanon County), Tunkhannock LMA (Wyoming County), and Uniontown/Connellsville LMA (Fayette County).

All other Labor Market Areas will remain unchanged. Quarterly Labor Market Letters will be published for each MSA and PMSA, supplemented by statistical tables in the other 2 months of each quarter. Small Labor Market Areas will continue to receive statistical tables bi-monthly.

PENNSYLVANIA EMPLOYMENT AND EARNINGS FOR
FOURTH QUARTER 1984

DECEMBER'S SEASONALLY ADJUSTED UNEMPLOYMENT RATE
DROPS TO 7.4 PERCENT, LOWEST MONTH OF THE YEAR

Pennsylvania's seasonally adjusted unemployment rate dropped 1.3 percentage points to 7.4 percent in December, the lowest monthly rate in 1984. Accordingly, the seasonally adjusted volume of unemployment went from 477,000 in November to 407,000 in December, for a decrease of 70,000. These figures compare favorably with the seasonally adjusted volume of unemployment of 576,000 and the rate of 10.4 percent recorded in December 1983.

December was the third consecutive month in which total employment increased and unemployment decreased. Employment in the state reached a seasonally adjusted level of 5,127,000, the highest monthly total in 1984 and 184,000 more persons than were gainfully employed one year ago.

The 4th quarter average monthly employment of 5,127,000 was the highest quarterly average on record. Unemployment during the last quarter of 1984 averaged 439,000 persons, the lowest jobless level in 13 quarters, since the second quarter of 1981. The quarterly average unemployment rate of 7.9 percent was at its lowest point since the fourth quarter of 1980 when the rate was 7.6 percent.

The United States experienced an increase in seasonally adjusted employment of 341,000 to amass a total of 106,273,000 in December. This all-time high mark represents the culmination of four consecutive months of employment expansion throughout the nation. However, this current employment rise was tempered by an elevation of the nation's seasonally adjusted unemployment total of 8,191,000, an increase of 49,000 jobseekers since November 1984. This boost forced the U.S. unemployment rate to rise 0.1 of a percentage point to 7.2 percent of the civilian labor force in December.

NONFARM WAGE AND SALARY EMPLOYMENT
GAINS 69,500 OVER DECEMBER 1983

As 1984 came to a close, nonagricultural wage and salary employment reached an estimated 4,688,000 or 69,500 more jobs than in December 1983. This pronounced gain reflects the continued general improvement in Pennsylvania's economy. December's nonmanufacturing jobs were up 75,700 from one year ago, while manufacturing jobs declined by 14,300. The service industries accounted for the largest employment gains as jobs were up 29,900 from the year-ago figure.

NONMANUFACTURING. After reaching a record level in November, nonmanufacturing industrial employment declined by 13,900 jobs this month due largely to the seasonal layoffs in contract construction of 10,000 workers. Nonetheless, employment in these industries has increased by 75,700 compared with the December 1983 level of 3,487,100 employed. Substantial growth was reported in seven of the nine major nonmanufacturing industry lines since one year ago. Contract construction employment was up by 14,400 due largely to the proliferation of special trade contractors during 1984. Employment in trade rallied strongly during 1984, up 8,500 jobs since last December, with the largest job increases occurring in general merchandise stores and in automotive dealers and service stations. Jobs in the finance, insurance, and real estate vaulted upward by 10,700 in the last twelve months, led by insurance carriers and by credit agencies other than banks, i.e., savings and loan associations and credit unions. The services industry continues to experience long term growth with employment up 29,000 from December 1983. A majority of these job gains occurred in business services and in health services other than hospitals and nursing homes, such as offices of physicians, dentists, and osteopaths plus medical and dental labs. Government employment rose by 8,100 since December 1983.

MANUFACTURING. Manufacturing payrolls displayed a lackluster performance in 1984 with employment declining 14,300 since December 1983. Since one year ago jobs in the Durable Goods sector declined by 1,800, with the primary metals industry responsible for an employment decrease of 13,200. Four durable good lines reported positive developments during the last year. Pennsylvania gained 4,900 jobs in electric and electronic equipment - in particular, electronic components - during 1984. Nonelectrical machinery employment rose by 3,200 compared with December 1983 figures, boosted by vigorous activity in the construction machinery and office and computing equipment fields. Transportation equipment and lumber and wood products also showed employment gains of 2,500 and 1,400, respectively, since one year ago.

In the Nondurable Goods sector 1984 closed the year with 12,500 fewer job than were available in December 1983. The state's apparel and textile industries accounted for 11,700 of the factory jobs lost during 1984. Meanwhile, employment in printing and publishing reached 75,700 in December, an increase of 500 since November and the highest level in 1984.

HOURLY AND WEEKLY EARNINGS INCREASE OVER THIRD QUARTER

Pennsylvania's factory workers earned an average of $9.56 an hour and worked a weekly average of 40.4 hours to gross weekly earnings of $386.22 in December. These averages represent an increase of $10.22 over the third quarter ending when $376.00 were earned in September. Durable goods workers' weekly earnings averaged $434.72 in December, with hourly earnings of $10.45 and 40.4 average weekly hours worked. Comparable figures for workers in nondurable goods are $322.48, $8.29 per hour and 38.9 hours, respectively.

FOURTH QUARTERLY SEASONALLY ADJUSTED UNEMPLOYMENT RATES DROP IN ALL MAJOR LABOR MARKET AREAS

All the major labor market areas in Pennsylvania recorded sizable decreases in the fourth quarter seasonally adjusted unemployment rates compared with the third quarter averages. Larger decreases occurred in all these same areas when compared with the fourth quarter 1983 data. Six areas demonstrated unemployment rates below the state average rate of 8.3 percent which also dropped from the third quarter figure of 9.9 percent. Lancaster and Harrisburg Labor Market Areas led the state with the lowest unemployment rates, 4.6 percent and 4.9 percent, respectively. Johnstown's adjusted rate of 13.9 percent was the highest reported for the fourth quarter, well below the 15.6 percent for the same period in 1983. The table below presents seasonally adjusted quarterly unemployment rates for the areas and quarters described in this section.

QUARTERLY AVERAGE ADJUSTED UNEMPLOYMENT BY LABOR MARKET AREAS:
NUMBER AND RATE, THIRD AND FOURTH QUARTER, 1984 AND FOURTH QUARTER, 1983

AREA	FOURTH QUARTER-84		THIRD QUARTER-84		FOURTH QUARTER-83	
	NUMBER	RATE*	NUMBER	RATE*	NUMBER	RATE*
A-B-E	26,700	8.6	30,500	9.8	30,500	9.9
Altoona	5,500	9.9	6,400	11.5	7,400	13.1
Erie	11,100	9.0	12.700	10.2	15,800	12.5
Harrisburg	12,200	4.9	14,000	5.7	14,500	6.0
Johnstown	14,200	13.9	15,200	15.0	16,300	15.6
Lancaster	8,800	4.6	10,600	5.6	10,400	5.5
Northeast PA	28,900	9.8	36,900	12.5	33,600	11.4
Philadelphia	142,400	6.3	163,000	7.2	171,900	7.7
Pittsburgh	101,500	10.2	119,700	11.9	127,600	12.5
Reading	11,600	6.9	13,300	8.1	12,500	7.7
Sharon	5,600	11.0	6,500	12.9	7,600	14.6
State College	4,200	7.8	4,600	8.6	5,000	9.5
Williamsport	5,100	9.6	6,100	11.5	6,900	13.0
York	12,900	7.1	15,900	8.7	17,800	9.7
PENNSYLVANIA	458,000	8.3	545,000	9.9	578,000	10.4

*Rate expressed as percent of civilian labor force.

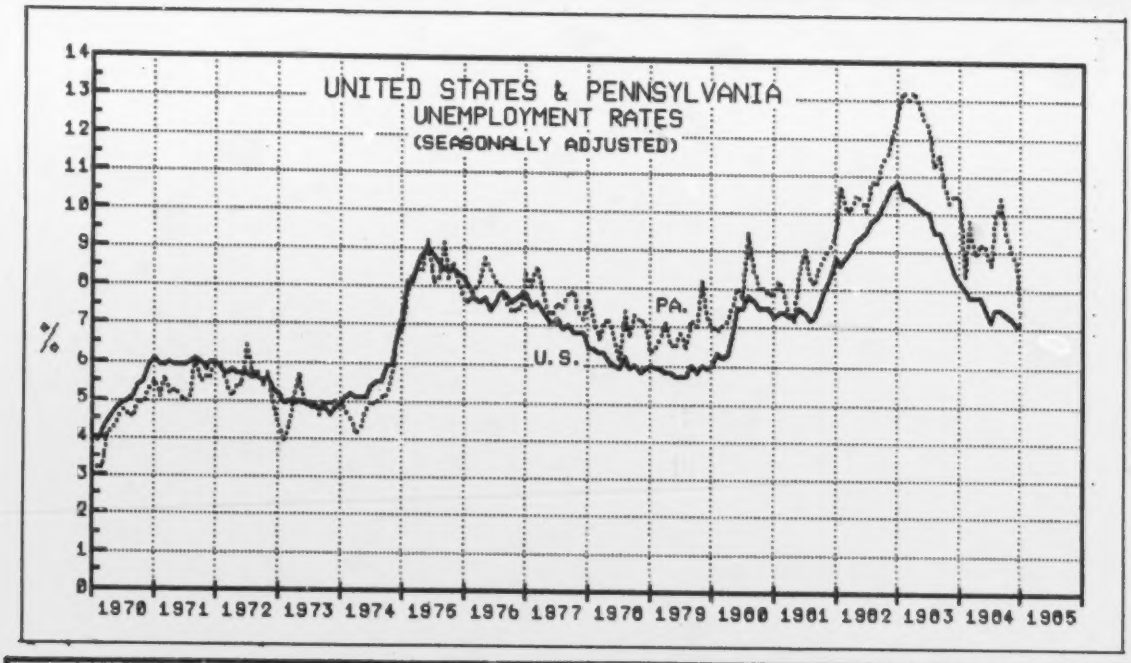

Table I. Resident Employment, Unemployment and Unemployed Rate (Thousands)

	PENNSYLVANIA					UNITED STATES				
Year	Civilian Labor Force	Employment	Unemployment	Rate %	Seasonally Adjusted Rate %	Civilian Labor Force	Employment	Unemployment	Rate %	Seasonally Adjusted Rate %
1967	4,637	4,467	170	3.7		77,347	74,372	2,975	3.8	
1968	4,634	4,475	159	3.4		78,737	75,920	2,817	3.6	
1969	4,720	4,566	154	3.3		80,734	77,902	2,832	3.5	
1970	4,830	4,612	218	4.5		82,771	78,678	4,093	4.9	
1971	4,813	4,553	261	5.4		84,382	79,367	5,016	5.9	
1972	4,884	4,620	265	5.4		87,034	82,153	4,882	5.6	
1973	4,999	4,756	242	4.8		89,429	85,064	4,365	4.9	
1974	5,052	4,792	259	5.1		91,949	86,794	5,156	5.6	
1975	5,096	4,672	423	8.3		93,775	85,846	7,929	8.5	
1976	5,127	4,721	407	7.9		96,158	88,752	7,406	7.7	
1977	5,205	4,804	401	7.7		99,009	92,017	6,991	7.1	
1978	5,303	4,936	367	6.9		102,251	96,048	6,202	6.1	
1979	5,358	4,988	370	6.9		104,962	98,824	6,137	5.8	
1980	5,434	5,009	425	7.8		106,940	99,303	7,637	7.1	
1981	5,476	5,018	458	8.4		108,670	100,397	8,273	7.6	
1982	5,487	4,888	599	10.9		110,204	99,526	10,678	9.7	
1983	5,510	4,859	651	11.8		111,550	100,834	10,717	9.6	
1984	5,487	4,988	499	9.1		113,544	105,005	8,539	7.5	
1984 Jan.	5,382	4,840	542	10.1	9.1	111,025	101,270	9,755	8.8	8.0
Feb.	5,343	4,757	586	11.0	9.8	111,368	101,961	9,407	8.4	7.8
Mar.	5,277	4,771	506	9.6	9.1	111,828	102,770	9,057	8.1	7.8
Apr.	5,317	4,829	488	9.2	9.2	112,152	103,628	8,525	7.6	7.8
May	5,430	4,956	473	8.7	9.2	113,251	105,096	8,154	7.2	7.5
June	5,640	5,122	518	9.2	8.9	115,393	106,812	8,582	7.4	7.2
July	5,679	5,139	540	9.5	9.5	116,198	107,484	8,714	7.5	7.5
Aug.	5,584	5,046	538	9.6	9.9	115,078	106,694	8,382	7.3	7.5
Sep.	5,499	5,019	480	8.7	9.3	113,843	105,792	8,051	7.1	7.4
Oct.	5,559	5,103	456	8.2	8.8	114,250	106,262	7,989	7.0	7.3
Nov.	5,592	5,137	455	8.1	8.6	114,115	106,246	7,869	6.9	7.1
Dec.	5,545	5,140	405	7.3	7.6	114,028	106,049	7,978	7.0	7.2
1983										
3rd Qtr.	5,626	5,033	594	10.6	11.2	113,252	102,935	10,316	9.1	9.3
4th Qtr.	5,570	5,022	548	9.8	10.4	111,995	102,827	9,168	8.2	8.5
1984										
1st Qtr.	5,336	4,791	545	10.2	9.0	111,406	102,000	9,406	8.4	7.9
2nd Qtr.	5,462	4,969	493	9.0	9.0	113,599	105,179	8,420	7.4	7.5
3rd Qtr.	5,586	5,067	519	9.3	9.9	115,039	106,657	8,382	7.3	7.5
4th Qtr.	5,565	5,126	439	7.9	8.3	114,131	106,186	7,945	7.0	7.2

On all tables the most recent month's data are preliminary. They are subject to revision.

Table 2. NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT

(Employment in Thousands)

INDUSTRY TITLE	ALL EMPLOYES							
	DECEMBER 1984p/	NOVEMBER 1984	OCTOBER 1984	SEPT 1984	DECEMBER 1983	NET CHANGE NOV 1984	NET CHANGE SEPT 1984	NET CHANGE DEC 1983
TOTAL NONAG. WAGE & SALARY EMPLOYMENT	4668.8	4690.1	4671.8	4646.6	4596.5	-21.3	22.2	72.3
LABOR-MANAGEMENT DISPUTES	10.9	10.6	3.7	6.1	2.8	0.3	4.8	8.1
TOTAL MANUFACTURING INDUSTRIES	1101.1	1108.8	1110.7	1115.4	1115.4	-7.7	-14.3	-14.3
TOTAL DURABLE GOODS	636.7	640.0	640.5	644.8	638.5	-3.3	-8.1	-1.8
Lumber & wood products	21.5	21.8	22.0	21.9	20.1	-0.3	-0.4	1.4
Millwork, plywood & structural	6.9	7.0	7.0	7.0	6.8	-0.1	-0.1	0.1
Other lumber & wood prod.	14.6	14.8	15.0	14.9	13.3	-0.2	-0.3	1.3
Furniture & fixtures	20.8	20.8	20.8	20.7	20.0	0.0	0.1	0.8
Household furniture	8.4	8.4	8.5	8.5	8.4	0.0	-0.1	0.0
Office furniture	5.9	6.0	5.9	5.8	5.9	-0.1	0.1	0.0
Other furniture & fixtures	6.5	6.4	6.4	6.4	5.7	0.1	0.1	0.8
Stone, clay & glass products	48.1	49.0	48.8	49.1	48.9	-0.9	-1.0	-0.8
Glass & glassware, pressed or blown	11.9	12.1	12.1	12.1	12.7	-0.2	-0.2	-0.8
Glass containers	5.7	5.7	5.8	5.7	6.3	0.0	0.0	-0.6
Other pressed or blown glass	6.2	6.4	6.3	6.4	6.4	-0.2	-0.2	-0.2
Hydraulic cement	1.8	2.0	1.9	2.0	1.9	-0.2	-0.2	-0.1
Structural clay products	4.6	4.6	4.5	4.5	4.3	0.0	0.1	0.3
Pottery & related products	4.1	4.0	4.1	4.1	4.4	0.1	0.0	-0.3
Concrete, gypsum & plaster prod.	7.4	7.9	7.9	8.0	6.9	-0.5	-0.6	0.5
Other stone, clay & glass prod.	18.3	18.4	18.3	18.4	18.7	-0.1	-0.1	-0.4
Primary metal industries	115.1	115.6	117.2	121.5	128.3	-0.5	-6.4	-13.2
Blast furnace & basic steel prod.	75.9	76.2	77.6	81.6	89.4	-0.3	-5.7	-13.5
Blast furnaces & steel mills	68.3	68.4	69.8	73.7	81.7	-0.1	-5.4	-13.4
Other basic steel products	7.6	7.8	7.8	7.9	7.7	-0.2	-0.3	-0.1
Iron & steel foundries	11.1	11.1	11.2	11.4	11.8	0.0	-0.3	-0.7
Nonferrous rolling & drawing	13.7	13.7	13.9	14.0	13.4	0.0	-0.3	0.3
Nonferrous foundries	6.4	6.5	6.4	6.4	6.3	-0.1	0.0	0.1
Other primary metal products	8.0	8.1	8.1	8.1	7.4	-0.1	-0.1	0.6
Fabricated metal products	88.5	89.0	88.6	88.7	88.2	-0.5	-0.2	0.3
Metal cans & shipping containers	2.7	2.6	2.6	2.6	3.2	0.1	0.1	-0.5
Cutlery, hand tools & hardware	5.1	5.1	5.1	5.2	4.7	0.0	-0.1	0.4
Plumbing & heating exc. electrical	2.3	2.3	2.2	2.2	2.2	0.0	0.1	0.1
Fabricated structural metal prod.	27.8	28.1	28.2	27.8	28.0	-0.3	0.0	-0.2
Fabricated structural metal	4.8	4.9	4.9	4.7	5.4	-0.1	0.1	-0.6
Fabricated plate work (boiler shops)	7.3	7.3	7.3	7.3	7.1	0.0	0.0	0.2
Other fabricated struct. metal prod.	15.7	15.9	16.0	15.8	15.5	-0.2	-0.1	0.2
Screw machine products, bolts, etc.	6.9	7.0	7.0	7.0	6.7	-0.1	-0.1	0.2
Metal forgings & stampings	17.0	16.9	16.8	16.9	16.7	0.1	0.1	0.3
Iron & steel forgings	3.8	3.7	3.8	3.8	3.7	0.1	0.0	0.1
Other metal forgings & stampings	13.2	13.2	13.0	13.1	13.0	0.0	0.1	0.2
Metal services & ordnance, n.e.c.	7.6	7.7	7.6	7.5	7.8	-0.1	0.1	-0.2
Misc. fabricated metal products	19.1	19.3	19.1	19.5	18.9	-0.2	-0.4	0.2
Valves & pipe fittings	7.3	7.4	7.5	7.6	7.5	-0.1	-0.3	-0.2
Other misc. fabricated metal prod.	11.8	11.9	11.6	11.9	11.4	-0.1	-0.1	0.4
Machinery, exc. electrical	112.9	113.0	113.0	112.9	109.7	-0.1	0.0	3.2
Engines & turbines	5.3	5.6	5.6	5.7	6.8	-0.3	-0.4	-1.5
Farm & garden machinery	3.3	3.3	3.4	3.4	3.3	0.0	-0.1	0.0
Construction & related mach.	17.3	17.3	17.3	17.2	15.5	0.0	0.1	1.8
Construction machinery	5.4	5.4	5.3	5.2	5.3	0.0	0.2	0.1
Conveyors & conveying equip.	2.5	2.5	2.5	2.5	2.7	0.0	0.0	-0.2
Other construction & related mach.	9.4	9.4	9.5	9.5	7.5	0.0	-0.1	1.9
Metal working machinery	17.9	17.9	17.6	17.6	17.2	0.0	0.3	0.7
Special industry machinery	9.9	9.9	9.7	9.7	9.6	0.0	0.2	0.3

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Table 2. NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT
(cont.)

(Employment in Thousands)

INDUSTRY TITLE	ALL EMPLOYES							
	DECEMBER 1984 p/	NOVEMBER 1984	OCTOBER 1984	SEPT 1984	DECEMBER 1983	NET CHANGE NOV 1984	NET CHANGE SEPT 1984	NET CHANGE DEC 1983
General industrial machinery	23.0	23.0	22.8	23.0	22.9	0.0	0.0	0.1
Pumps & pumping equipment	3.6	3.6	3.6	3.6	3.4	0.0	0.0	0.2
Ball & roller bearings	3.3	3.3	3.3	3.3	3.3	0.0	0.0	0.0
Air & gas compressors	3.9	3.9	3.8	3.8	3.8	0.0	0.1	0.1
Industrial furnaces & ovens	2.0	2.1	2.1	2.2	2.3	-0.1	-0.2	-0.3
Other general industrial mach.	10.2	10.1	10.0	10.1	10.1	0.1	0.1	0.1
Office and computing machines	14.1	14.0	13.8	13.5	12.6	0.1	0.6	1.5
Refrigeration & service ind. mach.	8.1	8.0	9.0	9.2	9.1	0.1	-1.1	-1.0
Misc. machinery, exc. electrical	14.0	14.0	13.8	13.6	12.7	0.0	0.4	1.3
Electric & electronic equipment	108.6	108.5	108.7	108.6	103.7	0.1	0.0	4.9
Electric distributing equip.	10.1	10.2	10.2	10.4	11.7	-0.1	-0.3	-1.6
Transformers	4.1	4.0	3.9	4.0	4.1	0.1	0.1	0.0
Switchgear & switchboard apparatus	6.0	6.2	6.3	6.4	7.6	-0.2	-0.4	-1.6
Electrical industrial apparatus	14.6	14.6	14.5	14.6	15.1	0.0	0.0	-0.5
Household appliances	3.7	3.7	3.6	3.7	3.5	0.0	0.0	0.2
Electric lighting & wiring equip.	21.5	21.3	21.5	21.6	19.4	0.2	-0.1	2.1
Current-carrying wiring devices	12.7	12.6	12.6	12.5	11.2	0.1	0.2	1.5
Other electric light & wiring equip.	8.8	8.7	8.9	9.1	8.2	0.1	-0.3	0.6
Communication equipment	10.9	10.8	10.8	10.5	10.3	0.1	0.4	0.6
Electronic components & accessories	38.8	38.9	38.9	38.5	34.0	-0.1	0.3	4.8
Semiconductors & related devices	17.5	17.5	17.4	17.1	14.0	0.0	0.4	3.5
Other electronic components & access.	21.3	21.4	21.5	21.4	20.0	-0.1	-0.1	1.3
Other electrical equip. & supplies	9.0	9.0	9.2	9.3	9.7	0.0	-0.3	-0.7
Transportation equipment	65.4	66.4	65.2	65.1	62.9	-1.0	0.3	2.5
Motor vehicles & equipment	27.0	27.2	26.2	25.8	26.7	-0.2	1.2	0.3
Motor vehicle parts & access.	12.2	12.6	12.5	12.2	12.2	-0.4	0.0	0.0
Other motor vehicles & equip.	14.8	14.6	13.7	13.6	14.5	0.2	1.2	0.3
Aircraft & parts	10.4	10.4	10.2	10.3	10.4	0.0	0.1	0.0
Ship & boat building & repairing	2.9	2.7	2.6	2.6	2.8	0.2	0.3	0.1
Railroad equipment	11.2	12.3	12.8	13.1	10.6	-1.1	-1.9	0.6
Other transportation equipment	13.9	13.8	13.4	13.3	12.4	0.1	0.6	1.5
Instruments & related products	36.4	36.4	36.2	36.2	36.3	0.0	0.2	0.1
Measuring & controlling devices	17.3	17.3	17.2	17.4	17.6	0.0	-0.1	-0.3
Medical instruments & supplies	11.3	11.4	11.4	11.3	11.1	-0.1	0.0	0.2
Other instruments & related prod.	7.8	7.7	7.6	7.5	7.6	0.1	0.3	0.2
Miscellaneous manufacturing industries	19.4	19.5	20.0	20.1	20.4	-0.1	-0.7	-1.0
TOTAL NONDURABLE GOODS	464.4	468.8	470.2	470.6	476.9	-4.4	-6.2	-12.5
Food & kindred products	91.1	91.6	91.7	92.5	92.0	-0.5	-1.4	-0.9
Meat products	12.9	13.0	12.9	13.0	14.0	-0.1	-0.1	-1.1
Meat packing plants	4.1	4.1	4.1	4.2	4.2	0.0	-0.1	-0.1
Sausages & other prepared meats	4.4	4.4	4.4	4.4	5.1	0.0	0.0	-0.7
Poultry dressing & processing	4.4	4.5	4.4	4.4	4.7	-0.1	0.0	-0.3
Dairy products	10.9	11.0	10.9	11.2	10.7	-0.1	-0.3	0.2
Fluid milk	6.0	5.9	6.0	6.0	5.7	0.1	0.0	0.3
Other dairy products	4.9	5.1	4.9	5.2	5.0	-0.2	-0.3	-0.1
Preserved fruits & vegetables	11.6	11.8	12.5	12.4	11.7	-0.2	-0.8	-0.1
Canned fruits & vegetables	4.0	4.0	4.5	4.0	4.2	0.0	0.0	-0.2
Other preserved fruits & vegetables	7.6	7.8	8.0	8.4	7.5	-0.2	-0.8	0.1
Grain mill products	5.5	5.4	5.5	5.3	5.2	0.1	0.2	0.3
Bakery products	16.5	16.7	16.8	17.1	17.7	-0.2	-0.6	-1.2
Bread, cake & related prod.	12.7	12.8	12.9	12.9	13.3	-0.1	-0.2	-0.6
Cookies & crackers	3.8	3.9	3.9	4.2	4.4	-0.1	-0.4	-0.6
Sugar & confectionery prod.	14.6	14.6	14.3	14.5	14.1	0.0	0.1	0.5
Beverages	8.9	8.7	8.5	8.8	9.1	0.2	0.1	-0.2
Other food & kindred products	10.2	10.4	10.3	10.2	9.5	-0.2	0.0	0.7

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Table 2. NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT
(cont.)

(Employment in Thousands)

INDUSTRY TITLE	ALL EMPLOYES							
	DECEMBER 1984 p/	NOVEMBER 1984	OCTOBER 1984	SEPT 1984	DECEMBER 1983	NET CHANGE NOV 1984	NET CHANGE SEPT 1984	NET CHANGE DEC 1983
Tobacco manufacturers	2.2	2.1	2.1	2.1	2.3	0.1	0.1	-0.1
Textile mill products	34.8	35.1	35.6	36.0	37.1	-0.3	-1.2	-2.3
Weaving mills, synthetics	3.9	3.9	4.0	4.1	4.2	0.0	-0.2	-0.3
Knitting mills	16.8	16.9	17.3	17.7	18.4	-0.1	-0.9	-1.6
Knit outerwear mills	8.8	9.1	9.3	9.4	9.5	-0.3	-0.6	-0.7
Knit underwear mills	4.1	4.0	4.1	4.3	4.9	0.1	-0.2	-0.8
Other knitting mills	3.9	3.8	3.9	4.0	4.0	0.1	-0.1	-0.1
Floor covering mills	3.1	3.1	3.1	3.1	2.9	0.0	0.0	0.2
Yarn & thread mills	2.6	2.7	2.8	2.8	2.9	-0.1	-0.2	-0.3
Other textile mill prod.	8.4	8.5	8.4	8.3	8.7	-0.1	0.1	-0.3
Apparel & other textile products	102.2	105.2	106.8	107.2	111.6	-3.0	-5.0	-9.4
Men's & boys' suits & coats	14.2	14.6	14.7	14.7	14.5	-0.4	-0.5	-0.3
Men's & boys' furnishings	16.6	16.7	16.5	16.9	16.9	-0.1	-0.3	-0.3
Men's & boys' shirts & nightwear	6.5	6.4	6.4	6.5	6.6	0.1	0.0	-0.1
Men's & boys' separate trousers	3.5	3.5	3.5	3.6	3.7	0.0	-0.1	-0.2
Other furnishings & work clothing	6.6	6.8	6.6	6.8	6.6	-0.2	-0.2	0.0
Women's & misses' outerwear	42.9	44.1	44.8	44.8	50.7	-1.2	-1.9	-7.8
Women's & children's undergarments	9.2	9.8	10.3	10.3	10.5	-0.6	-1.1	-1.3
Children's outerwear	7.2	7.4	7.6	7.6	7.4	-0.2	-0.4	-0.2
Other apparel & textile prod.	12.1	12.6	12.9	12.9	11.6	-0.5	-0.8	0.5
Paper & allied products	40.5	40.8	41.0	39.8	41.2	-0.3	0.7	-0.7
Paper mills exc. building paper	10.9	11.0	10.9	9.8	11.0	-0.1	1.1	-0.1
Paper board containers & boxes	13.7	13.8	13.7	13.5	13.4	-0.1	0.2	0.3
Corrugated & solid fiber boxes	6.9	6.9	6.9	6.9	6.8	0.0	0.0	0.1
Other paperboard containers	6.8	6.9	6.8	6.6	6.6	-0.1	0.2	0.2
Other paper & allied products	15.9	16.0	16.4	16.5	16.8	-0.1	-0.6	-0.9
Printing & publishing	75.7	75.2	74.4	75.0	73.0	0.5	0.7	2.7
Newspapers	23.1	23.1	22.8	22.9	22.5	0.0	0.2	0.6
Books	4.9	4.6	4.5	4.6	4.4	0.3	0.3	0.5
Commercial printing	25.6	25.5	25.4	25.5	24.8	0.1	0.1	0.8
Manifold business forms	5.1	5.0	5.0	5.0	4.7	0.1	0.1	0.4
Other printing & publishing	17.0	17.0	16.7	17.0	16.6	0.0	0.0	0.4
Chemicals & allied products	57.8	58.1	58.1	56.3	57.3	-0.3	1.5	0.5
Industrial inorganic chemicals	9.5	9.5	9.5	9.5	9.2	0.0	0.0	0.3
Plastic materials & synthetics	8.2	8.2	8.3	8.3	8.1	0.0	-0.1	0.1
Drugs	18.8	18.8	18.9	17.0	19.0	0.0	1.8	-0.2
Soap, cleaners & toilet goods	3.3	3.3	3.2	3.2	3.2	0.0	0.1	0.1
Paints & allied products	4.0	4.0	4.0	4.0	3.8	0.0	0.0	0.2
Other chemicals & allied prod.	14.0	14.3	14.2	14.3	14.0	-0.3	-0.3	0.0
Petroleum & coal products	13.4	13.6	13.7	14.1	13.7	-0.2	-0.7	-0.3
Petroleum refining	10.2	10.2	10.2	10.4	10.6	0.0	-0.2	-0.4
Other petroleum & coal prod.	3.2	3.4	3.5	3.7	3.1	-0.2	-0.5	0.1
Rubber & misc. plastics products	34.9	35.0	34.9	34.7	34.9	-0.1	0.2	0.0
Tires & inner tubes	2.7	2.8	2.7	2.7	2.8	-0.1	0.0	-0.1
Fabricated rubber prod., n.e.c.	4.0	4.0	3.9	3.9	4.0	0.0	0.1	0.0
Other rubber & plastic prod., n.e.c.	28.2	28.2	28.3	28.1	28.1	0.0	0.1	0.1
Leather & leather products	11.8	12.1	11.9	12.9	13.8	-0.3	-1.1	-2.0
Footwear, exc. rubber	9.1	9.3	9.1	10.1	10.5	-0.2	-1.0	-1.4
Men's footwear, exc. athletic	4.2	4.2	3.8	4.4	4.9	0.0	-0.2	-0.7
Women's footwear, exc. athletic	2.1	2.2	2.3	2.5	2.4	-0.1	-0.4	-0.3
Other footwear	2.8	2.9	3.0	3.2	3.2	-0.1	-0.4	-0.4
Other leather & leather prod.	2.7	2.8	2.8	2.8	3.3	-0.1	-0.1	-0.6

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Table 2. NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT
(concl.)

(Employment in Thousands)

INDUSTRY TITLE	ALL EMPLOYES							
	DECEMBER 1984 p/	NOVEMBER 1984	OCTOBER 1984	SEPT 1984	DECEMBER 1983	NET CHANGE NOV 1984	NET CHANGE SEPT 1984	NET CHANGE DEC 1983
TOTAL NONMANUFACTURING INDUSTRIES	3556.8	3570.7	3557.4	3525.1	3481.1	-13.9	31.7	75.7
Mining	35.7	37.4	37.6	40.1	39.9	-1.7	-4.4	-4.2
Anthracite	2.5	2.5	2.4	2.4	2.7	0.0	0.1	-0.2
Bituminous	23.3	24.8	25.1	27.7	28.2	-1.5	-4.4	-4.9
Nonmetallic minerals	4.3	4.6	4.6	4.7	4.0	-0.3	-0.4	0.3
Contract Construction	176.6	186.6	193.2	191.3	162.2	-10.0	-14.7	14.4
General building	42.4	44.6	46.0	45.4	41.7	-2.2	-4.0	0.7
Heavy construction	35.1	39.9	44.2	43.3	33.8	-4.8	-8.2	1.3
Special trades	99.1	102.1	103.0	101.6	86.7	-3.0	-2.5	12.4
Transportation	147.0	144.9	144.6	143.6	141.8	2.1	3.4	5.2
Railroads	25.4	25.4	26.0	26.5	25.9	0.0	-1.1	-0.5
Public Utilities	104.9	105.3	105.2	105.6	105.3	-0.4	-0.7	-0.4
Communications	54.0	54.4	54.2	54.5	54.9	-0.4	-0.5	-0.9
Electric, gas & sanitary service	50.9	50.9	51.0	51.1	50.4	0.0	-0.2	0.5
Electric systems	26.2	26.2	26.2	26.0	25.8	0.0	0.2	0.4
Gas production	8.7	8.7	8.8	8.8	8.8	0.0	-0.1	-0.1
Wholesale trade	246.0	246.9	247.3	247.8	242.5	-0.9	-1.8	3.5
Retail trade	802.0	798.0	779.4	770.6	793.5	4.0	31.4	8.5
General merchandise stores	142.1	137.5	128.2	122.5	133.4	4.6	19.6	8.7
Department stores	127.5	123.1	114.7	109.2	119.6	4.4	18.3	7.9
Finance, insurance & real estate	254.4	254.0	253.8	253.9	243.7	0.4	0.5	10.7
Banking	83.5	83.2	83.2	82.9	81.4	0.3	0.6	2.1
Commercial & stock savings	77.1	76.8	76.5	76.5	74.9	0.3	0.6	2.2
Credit agencies & securities	36.5	36.5	36.4	36.2	33.4	0.0	0.3	3.1
Insurance	73.9	73.6	73.3	73.1	69.9	0.3	0.8	4.0
Life insurance	28.0	27.8	27.7	27.7	26.1	0.2	0.3	1.9
Fire, marine & casualty	29.1	29.1	29.0	29.0	28.3	0.0	0.1	0.8
Services	1109.3	1113.7	1116.6	1111.0	1079.4	-4.4	-1.7	29.9
Business services	167.0	165.6	164.6	163.9	151.6	1.4	3.1	15.4
Health services	374.0	373.6	373.8	375.0	370.8	0.4	-1.0	3.2
Nursing & personal care	57.7	57.5	57.3	57.5	56.6	0.2	0.2	1.1
Hospitals	217.5	218.1	218.7	220.2	223.4	-0.6	-2.7	-5.9
Educational service	139.6	144.0	143.2	127.7	137.4	-4.4	11.9	2.2
Miscellaneous services	48.6	48.9	48.7	48.4	48.4	-0.3	0.2	0.2
Engineering & architectural	28.5	28.7	28.7	28.6	29.8	-0.2	-0.1	-1.3
Government	680.9	683.9	679.7	661.2	672.8	-3.0	19.7	8.1
Federal	134.8	134.3	134.2	135.3	132.5	0.5	-0.5	2.3
State	151.2	154.6	155.3	149.0	153.3	-3.4	2.2	-2.1
Local	394.9	395.0	390.2	376.9	387.0	-0.1	18.0	7.9

Table 3. SELECTED PENNSYLVANIA EMPLOYMENT INDICES
(Not Seasonally Adjusted)

1977 = 100

INDUSTRY TITLE	DEC 1984 p/	NOV 1984	OCT 1984	SEPT 1984	DEC 1983	ANNUAL AVERAGE 1984	ANNUAL AVERAGE 1983	ANNUAL AVERAGE 1982
All Manufacturing	82.0	82.6	82.8	83.1	83.1	83.4	81.5	87.2
Primary Metals	59.1	57.9	58.7	60.9	64.2	59.3	61.4	71.7
Apparel	77.8	78.5	79.7	80.0	83.2	85.0	83.4	85.4
All Nonmanufacturing	108.7	110.8	110.4	109.3	107.9	109.4	106.2	105.7
Construction	98.0	101.5	105.1	104.0	88.1	98.3	90.3	91.4
Retail Trade	104.7	111.3	108.7	107.4	110.6	109.2	105.1	102.9
Services	127.5	129.1	129.5	128.8	125.1	128.5	124.1	121.2
Government	94.9	96.2	95.6	93.0	94.6	94.5	94.5	96.0

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TABLE 4. ACTUAL AND REAL GROSS EARNINGS OF MANUFACTURING PRODUCTION WORKERS IN PENNSYLVANIA

(1967 = 100)

Annual Averages

Year	Weekly Earnings (1)	Weekly Hours (2)	Hourly Earnings (3)	Hourly Earnings Index (4)	U.S. Consumer Price Index (5)	Real Weekly Earnings (6)	Losses Due To Inflation
1972	$154.42	39.8	$3.88	137.6	125.3	$123.24	$31.18
1973	167.23	40.2	4.16	147.5	133.1	125.64	41.59
1974	180.97	39.6	4.57	162.1	147.7	122.53	58.44
1975	193.22	38.8	4.98	176.6	161.2	119.86	73.36
1976	210.11	39.2	5.36	190.1	170.5	123.23	86.88
1977	231.08	39.5	5.85	207.4	181.5	127.32	103.76
1978	254.80	40.0	6.37	225.9	195.3	130.47	124.33
1979	278.10	39.9	6.97	247.2	217.4	127.92	150.18
1980	294.49	38.8	7.59	269.1	246.8	119.32	175.17
1981	325.36	39.2	8.30	294.3	272.4	119.44	205.92
1982	331.39	38.4	8.63	306.0	289.1	114.63	216.76
1983	350.84	39.2	8.95	317.4	298.4	117.57	233.57

Real Earnings are computed by adjusting current earnings for changes in The Consumer Price Index (Col. 1 ÷ Col. 5)

TABLE 5. EMPLOYMENT, PAYROLLS AND MANHOURS OF MANUFACTURING PRODUCTION WORKERS

(THOUSANDS)

Industry	Employment					Weekly Manhours Worked					Weekly Payrolls				
	Dec. 1984 p/	Nov. 1984	Oct. 1984	Sept. 1984	Dec. 1983	Dec. 1984 p/	Nov. 1984	Oct. 1984	Sept. 1984	Dec. 1983	Dec. 1984 p/	Nov. 1984	Oct. 1984	Sept. 1984	Dec. 1983
Manufacturing	751.2	759.0	763.3	773.7	766.1	30,380.0	30,908.7	30,549.4	30,949.3	30,817.9	290,457.1	292,804.7	286,893.6	290,909.9	284,211.7
Durable Goods	429.5	432.3	435.0	443.4	430.9	17,873.6	18,134.0	17,905.4	18,216.1	17,902.2	186,793.3	187,676.0	184,156.3	187,568.6	182,525.8
Nondur. Goods	321.7	326.7	328.3	330.3	335.2	12,506.4	12,774.7	12,644.0	12,733.2	12,915.7	103,663.8	105,128.7	102,737.3	103,341.3	101,685.9

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NOTATION

Resident Data are workers by place of residence. They include wage and salary workers, self-employed and unpaid family workers and persons involved in labor management disputes.

Establishment Data are estimates by place of work. Persons involved in labor management disputes are not included.

Nonagricultural Wage and Salary Employment, are benchmarked to first quarter 1983.

HOURS AND EARNINGS FOR
Table 6. MANUFACTURING AND SELECTED NONMANUFACTURING INDUSTRY DETAIL

INDUSTRY TITLE	PRODUCTION WORKER AVERAGES														
	GROSS WEEKLY EARNINGS					WEEKLY HOURS					HOURLY EARNINGS				
	DEC 1984p/	NOV 1984	OCT 1984	SEPT 1984	DEC 1983	DEC 1984p/	NOV 1984	OCT 1984	SEPT 1984	DEC 1983	DEC 1984p/	NOV 1984	OCT 1984	SEPT 1984	DEC 1983
TOTAL MANUFACTURING INDUSTRIES	386.22	385.43	375.60	379.22	371.45	40.4	40.7	40.0	40.3	40.2	9.56	9.47	9.39	9.41	9.24
TOTAL DURABLE GOODS	434.72	434.70	423.95	428.90	424.13	41.6	42.0	41.2	41.6	41.5	10.45	10.35	10.29	10.31	10.22
Lumber & wood products	267.52	305.52	297.70	314.88	286.40	36.2	40.2	39.8	41.0	40.0	7.39	7.60	7.48	7.68	7.16
Millwork, plywood & structural	294.46	348.89	334.12	340.59	323.01	36.9	42.6	41.3	42.1	41.2	7.98	8.19	8.09	8.09	7.84
Other lumber & wood prod.	255.61	285.82	281.52	303.35	267.13	35.9	39.1	39.1	40.5	39.4	7.12	7.31	7.20	7.49	6.78
Furniture & fixtures	333.34	326.40	309.68	317.56	312.29	40.9	40.8	39.5	40.3	40.4	8.15	8.00	7.84	7.88	7.73
Household furniture	279.89	269.49	261.89	265.95	268.03	39.7	39.0	38.4	39.4	39.3	7.05	6.91	6.82	6.75	6.82
Office furniture	388.50	378.43	347.65	355.01	350.14	44.4	43.2	40.9	40.9	42.7	8.75	8.76	8.50	8.68	8.20
Other furniture & fixtures	384.57	363.26	348.73	365.92	345.31	42.4	41.0	39.9	41.3	39.6	9.07	8.86	8.74	8.86	8.72
Stone, clay & glass products	421.73	429.56	419.34	424.22	397.29	42.3	42.7	42.4	43.2	41.0	9.97	10.06	9.89	9.82	9.69
Glass & glassware, pressed or blown	467.64	465.02	434.10	445.91	419.38	44.2	43.5	41.7	43.0	41.4	10.58	10.69	10.41	10.37	10.13
Glass containers	480.22	461.55	456.14	464.94	450.49	42.8	41.1	40.8	42.0	42.7	11.22	11.23	11.18	11.07	10.55
Other pressed or blown glass	455.82	468.31	414.92	427.93	391.72	45.4	45.6	42.6	43.8	40.3	10.04	10.27	9.74	9.77	9.72
Hydraulic cement	553.35	607.93	562.10	528.35	509.34	43.4	45.3	44.4	41.8	39.0	12.75	13.42	12.66	12.64	13.06
Structural clay products	329.67	337.90	347.90	351.12	331.70	39.2	39.8	40.5	41.9	40.5	8.41	8.49	8.59	8.38	8.19
Pottery & related products	389.05	389.06	379.55	381.78	376.61	41.3	41.7	41.3	42.0	42.7	9.42	9.33	9.19	9.09	8.82
Concrete, gypsum & plaster prod.	377.36	384.05	396.92	402.08	348.02	42.4	43.2	44.9	45.9	40.8	8.90	8.89	8.84	8.76	8.53
Other stone, clay & glass prod.	425.34	436.48	434.00	438.53	408.85	41.7	42.5	42.3	42.7	40.4	10.20	10.27	10.26	10.27	10.12
Primary metal industries	501.32	488.38	463.69	482.00	488.87	41.5	40.8	38.9	40.2	41.5	12.08	11.97	11.92	11.99	11.78
Blast furnace & basic steel prod.	538.48	520.30	493.40	512.99	525.37	41.2	39.9	38.1	39.4	41.4	13.07	13.04	12.95	13.02	12.69
Blast furnaces & steel mills	546.02	527.08	498.96	518.47	531.12	40.9	39.6	37.8	39.1	41.3	13.35	13.31	13.20	13.26	12.86
Other basic steel products	475.23	464.28	450.46	465.89	463.43	43.4	42.4	41.1	42.2	42.4	10.95	10.95	10.96	11.04	10.93
Iron & steel foundries	378.68	376.24	333.23	363.01	361.30	40.5	41.3	37.4	40.2	40.1	9.35	9.11	8.91	9.03	9.01
Nonferrous rolling & drawing	484.12	470.53	458.30	463.84	461.44	45.5	44.6	43.4	43.8	44.8	10.64	10.55	10.56	10.59	10.30
Nonferrous foundries	419.67	415.95	404.26	417.18	369.32	41.8	42.1	41.0	42.7	40.1	10.04	9.88	9.86	9.77	9.21
Other primary metal products	430.50	437.75	413.88	416.77	412.00	41.0	42.5	40.3	40.7	41.7	10.50	10.30	10.27	10.24	9.88
Fabricated metal products	423.11	416.79	416.49	417.06	422.17	42.1	42.1	41.9	42.0	42.6	10.05	9.90	9.94	9.93	9.91
Metal cans & shipping containers	512.46	548.02	506.69	523.26	456.59	43.8	47.0	44.8	45.9	39.6	11.70	11.66	11.31	11.40	11.53
Cutlery, hand tools & hardware	297.58	313.16	302.25	324.66	305.37	38.2	40.2	39.0	41.2	38.9	7.79	7.79	7.75	7.88	7.85
Plumbing & heating exc. electrical	380.19	379.30	358.23	352.75	446.21	43.5	43.2	41.8	41.5	45.3	8.74	8.78	8.57	8.50	9.85
Fabricated structural metal prod.	381.97	381.85	372.74	370.72	370.64	41.7	42.1	41.6	41.1	41.0	9.16	9.07	8.96	9.02	9.04
Fabricated structural metal	382.69	364.42	353.22	376.26	383.26	42.1	40.9	40.6	41.9	41.3	9.09	8.91	8.70	8.98	9.28
Fabricated plate work (boiler shops)	452.17	451.62	436.77	427.61	442.38	42.9	43.3	42.2	41.8	40.4	10.54	10.43	10.35	10.23	10.95
Other fabricated struct. metal prod.	350.96	356.57	351.10	343.85	335.38	41.0	41.9	41.6	40.5	41.1	8.56	8.51	8.44	8.49	8.16
Screw machine products, bolts, etc.	411.70	414.92	410.18	410.90	409.81	42.4	42.6	42.2	42.1	42.6	9.71	9.74	9.72	9.76	9.62
Metal forgings & stampings	581.76	547.90	586.70	565.08	566.55	45.7	44.4	45.8	44.6	45.8	12.73	12.34	12.81	12.67	12.37
Iron & steel forgings	457.86	438.31	423.27	419.23	418.08	44.8	43.7	42.2	40.9	41.6	10.22	10.03	10.03	10.25	10.05
Other metal forgings & stampings	612.31	574.00	626.25	600.15	605.48	45.9	44.6	46.7	45.5	46.9	13.34	12.87	13.41	13.19	12.91
Metal services & ordnance, n.e.c.	355.42	352.96	341.91	346.18	336.17	40.9	40.2	39.3	39.7	40.6	8.69	8.78	8.70	8.72	8.28
Misc. fabricated metal products	384.46	379.89	374.94	386.87	402.48	40.3	40.2	40.1	41.2	43.7	9.54	9.45	9.35	9.39	9.21
Valves & pipe fittings	409.04	413.88	392.83	401.36	428.79	40.7	41.1	39.6	40.5	43.4	10.05	10.07	9.92	9.91	9.88
Other misc. fabricated metal prod.	369.72	359.17	363.20	377.73	388.08	40.1	39.6	40.4	41.6	43.9	9.22	9.07	8.99	9.08	8.84

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HOURS AND EARNINGS FOR

Table 6. (cont.) MANUFACTURING AND SELECTED NONMANUFACTURING INDUSTRY DETAIL

INDUSTRY TITLE	PRODUCTION WORKER AVERAGES														
	GROSS WEEKLY EARNINGS					WEEKLY HOURS					HOURLY EARNINGS				
	DEC 1984 p/	NOV 1984	OCT 1984	SEPT 1984	DEC 1983	DEC 1984 p/	NOV 1984	OCT 1984	SEPT 1984	DEC 1983	DEC 1984 p/	NOV 1984	OCT 1984	SEPT 1984	DEC 1983
Machinery, exc. electrical	467.83	460.47	446.05	448.17	435.31	43.6	43.4	42.2	42.4	42.1	10.73	10.61	10.57	10.57	10.34
Engines & turbines	581.40	584.23	575.09	559.00	509.41	45.0	44.7	43.8	43.0	42.1	12.92	13.07	13.13	13.00	12.10
Farm & garden machinery	465.81	448.14	462.76	491.77	524.62	40.4	40.3	40.7	42.8	46.1	11.53	11.12	11.37	11.49	11.38
Construction & related mach.	475.68	469.73	456.03	452.81	434.09	43.6	43.9	42.5	42.2	41.5	10.91	10.70	10.73	10.73	10.46
Construction machinery	520.67	521.86	519.06	523.64	518.87	42.4	43.2	42.2	42.4	42.6	12.28	12.03	12.30	12.35	12.18
Conveyors & conveying equip.	458.33	476.43	485.13	463.19	439.80	45.2	46.3	47.1	45.5	45.2	10.14	10.29	10.30	10.18	9.73
Other construction & related mach.	447.30	434.39	412.72	407.41	371.87	44.2	44.1	42.2	41.7	39.9	10.12	9.85	9.78	9.77	9.32
Metal working machinery	482.57	472.31	462.44	459.19	463.09	45.1	44.6	44.0	43.9	44.4	10.70	10.59	10.51	10.46	10.43
Special industry machinery	475.50	472.93	438.96	451.72	440.23	45.2	45.3	42.7	44.2	44.2	10.52	10.44	10.28	10.22	9.96
General industrial machinery	458.96	463.30	433.84	438.24	416.90	42.3	42.7	41.2	41.5	41.4	10.85	10.85	10.53	10.56	10.07
Pumps & pumping equipment	462.02	481.77	467.04	462.35	401.57	41.4	42.9	42.0	40.7	38.1	11.16	11.23	11.12	11.36	10.54
Ball & roller bearings	438.37	429.30	439.10	436.60	457.10	41.2	41.2	41.7	41.7	42.8	10.64	10.42	10.53	10.47	10.68
Air & gas compressors	509.25	590.98	493.62	491.62	418.32	43.6	48.6	43.3	43.2	41.5	11.68	12.16	11.40	11.38	10.08
Industrial furnaces & ovens	445.76	425.57	415.04	428.12	402.55	44.8	42.9	42.7	44.0	41.5	9.95	9.92	9.72	9.73	9.70
Other general industrial mach.	449.43	426.36	399.56	412.90	404.91	42.2	40.8	39.6	40.6	41.7	10.65	10.45	10.09	10.17	9.71
Office and computing machines	523.48	473.62	473.49	479.17	485.93	44.4	41.4	40.4	40.3	42.7	11.79	11.44	11.72	11.89	11.38
Refrigeration & service ind. mach.	370.14	367.94	388.00	388.45	392.03	39.8	40.3	40.0	39.8	39.4	9.30	9.13	9.70	9.76	9.95
Misc. machinery, exc. electrical	422.48	420.64	407.98	409.10	367.48	43.6	44.0	42.9	43.2	39.9	9.69	9.56	9.51	9.47	9.21
Electric & electronic equipment	398.67	406.39	396.45	399.42	377.70	41.1	42.2	41.6	42.0	40.7	9.70	9.63	9.53	9.51	9.28
Electric distributing equip.	468.00	518.54	493.13	485.30	447.30	42.2	46.8	45.2	43.8	42.6	11.09	11.08	10.91	11.08	10.50
Transformers	442.00	505.28	483.62	478.68	488.85	42.5	49.2	47.6	46.7	47.6	10.40	10.27	10.16	10.25	10.27
Switchgear & switchboard apparatus	490.98	528.30	499.10	490.39	419.72	42.0	45.0	43.4	41.7	39.3	11.69	11.74	11.50	11.76	10.68
Electrical industrial apparatus	374.18	372.19	380.69	395.08	370.36	41.3	41.4	41.2	42.3	40.3	9.06	8.99	9.24	9.34	9.19
Household appliances	383.02	380.98	379.75	359.84	363.66	42.7	43.0	43.8	41.6	43.5	8.97	8.86	8.67	8.65	8.36
Electric lighting & wiring equip.	341.05	353.76	347.73	353.28	345.32	38.8	40.2	40.2	40.7	40.2	8.79	8.80	8.65	8.68	8.59
Current-carrying wiring devices	333.90	365.52	367.74	380.22	382.55	37.1	40.3	40.5	42.6	42.6	9.00	9.07	9.08	9.14	8.98
Other electric light & wiring equip.	348.25	342.86	330.80	329.18	308.45	40.4	40.1	40.0	39.9	37.8	8.62	8.55	8.27	8.25	8.16
Communication equipment	408.78	434.87	411.16	422.28	359.90	41.5	43.4	42.3	43.4	39.9	9.85	10.02	9.72	9.73	9.02
Electronic components & accessories	434.08	428.50	415.07	424.01	395.85	41.9	42.3	41.3	42.7	40.6	10.36	10.13	10.05	9.93	9.75
Semiconductors & related devices	542.29	540.97	522.91	540.76	500.60	42.7	42.9	41.9	43.4	40.6	12.70	12.61	12.48	12.46	12.33
Other electronic components & access.	349.79	342.34	334.97	339.29	333.33	41.2	41.8	40.9	42.2	40.6	8.49	8.19	8.19	8.04	8.21
Other electrical equip & supplies	333.08	346.01	335.76	318.59	326.83	39.7	40.9	40.6	38.9	40.2	9.39	8.46	8.27	8.19	8.13
Transportation equipment	495.19	508.79	499.05	490.14	490.18	41.3	42.9	42.4	42.0	41.4	11.99	11.86	11.77	11.67	11.84
Motor vehicles & equipment	530.42	535.00	523.70	509.88	517.65	41.7	42.8	42.2	42.0	42.5	12.72	12.50	12.41	12.14	12.18
Motor vehicle parts & access.	509.83	536.26	512.46	495.50	559.73	42.1	44.1	43.1	42.9	46.8	12.11	12.16	11.89	11.55	11.96
Other motor vehicles & equip.	549.79	534.59	535.30	524.06	480.27	41.4	41.7	41.4	41.2	38.7	13.28	12.82	12.93	12.72	12.41
Aircraft & parts	INA	INA	INA	INA	INA	INA	INA	INA	INA	INA	INA	INA	INA	INA	INA
Ship & boat building & repairing	419.36	436.56	433.46	426.66	404.40	39.6	40.8	40.7	40.1	40.0	10.59	10.70	10.65	10.64	10.11
Railroad equipment	489.14	491.67	490.46	506.30	460.21	39.8	40.5	40.4	41.5	39.1	12.29	12.14	12.14	12.20	11.79
Other transportation equipment	435.66	483.39	470.98	454.94	450.91	41.1	44.8	44.6	43.0	42.7	10.60	10.79	10.56	10.58	10.56
Instruments & related products	414.20	397.10	393.34	399.00	390.15	43.6	42.2	41.8	42.0	42.5	9.50	9.41	9.41	9.50	9.18
Measuring & controlling devices	454.47	440.08	436.90	449.07	409.49	44.6	43.4	43.3	44.2	42.7	10.19	10.14	10.09	10.16	9.59
Medical instruments & supplies	373.23	340.25	330.51	321.23	381.00	42.9	40.7	39.3	38.2	43.1	8.70	8.35	8.41	8.41	8.84
Other instruments & related prod.	384.51	386.23	388.92	401.38	360.09	42.3	41.8	42.0	42.7	41.2	9.09	9.24	9.26	9.40	8.74
Miscellaneous manufacturing industries	299.52	310.42	339.95	348.71	375.46	36.0	37.4	39.9	40.5	40.9	8.32	8.30	8.52	8.61	9.18

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HOURS AND EARNINGS FOR

Table 6. MANUFACTURING AND SELECTED NONMANUFACTURING INDUSTRY DETAIL
(cont.)

INDUSTRY TITLE	PRODUCTION WORKER AVERAGES														
	GROSS WEEKLY EARNINGS					WEEKLY HOURS					HOURLY EARNINGS				
	DEC 1984 p/	NOV 1984	OCT 1984	SEPT 1984	DEC 1983	DEC 1984 p/	NOV 1984	OCT 1984	SEPT 1984	DEC 1983	DEC 1984 p/	NOV 1984	OCT 1984	SEPT 1984	DEC 1983
TOTAL NONDURABLE GOODS	322.48	321.79	313.01	312.62	303.78	38.9	39.1	38.5	38.5	38.6	8.29	8.23	8.13	8.12	7.87
Food & kindred products	367.24	371.62	360.90	366.71	347.77	40.4	41.2	40.1	40.7	39.7	9.09	9.02	9.00	9.01	8.76
Meat products	333.20	332.13	320.31	337.33	333.48	42.5	42.8	40.7	42.7	42.0	7.84	7.76	7.87	7.90	7.94
Meat packing plants	359.75	339.89	366.30	364.23	377.36	43.5	41.4	43.4	42.5	44.5	8.27	8.21	8.44	8.57	8.48
Sausages & other prepared meats	442.78	435.98	396.90	395.20	413.42	45.6	44.9	42.0	41.6	43.2	9.71	9.71	9.45	9.50	9.57
Poultry dressing & processing	227.55	247.93	218.52	266.83	225.61	39.3	42.6	37.1	43.6	38.5	5.79	5.82	5.89	6.12	5.86
Dairy products	336.15	337.22	330.07	340.62	318.38	41.5	42.1	40.8	42.0	40.2	8.10	8.01	8.09	8.11	7.92
Fluid milk	360.82	357.00	355.73	359.55	332.02	42.3	42.0	41.9	42.4	39.2	8.53	8.50	8.49	8.48	8.47
Other dairy products	316.57	321.99	309.23	326.51	308.73	40.9	42.2	39.9	41.7	41.0	7.74	7.63	7.75	7.83	7.53
Preserved fruits & vegetables	327.79	369.78	328.85	345.63	315.02	38.7	43.3	40.3	41.0	38.7	8.47	8.54	8.16	8.43	8.14
Canned fruits & vegetables	249.80	264.73	282.74	271.99	235.96	39.4	41.3	42.2	40.9	37.1	6.34	6.41	6.70	6.65	6.36
Other preserved fruits & vegetables	377.26	433.88	358.41	382.23	364.45	39.3	44.5	39.0	41.1	39.7	9.85	9.75	9.19	9.30	9.18
Grain mill products	526.13	501.78	462.89	481.24	449.40	45.2	43.9	41.0	42.4	42.0	11.64	11.43	11.29	11.35	10.70
Bakery products	377.91	372.07	387.68	374.19	356.28	38.8	38.2	39.6	38.3	38.6	9.74	9.74	9.79	9.77	9.23
Bread, cake & related prod.	369.89	369.26	398.99	375.75	350.25	37.1	37.0	39.7	37.5	37.3	9.97	9.98	10.05	10.02	9.39
Cookies & crackers	402.66	381.85	353.81	368.04	371.65	44.2	42.1	39.4	40.4	41.9	9.11	9.07	8.98	9.11	8.87
Sugar & confectionery prod.	373.67	382.55	385.27	382.04	345.80	39.5	40.1	40.3	40.3	38.0	9.46	9.54	9.56	9.48	9.10
Beverages	474.03	486.75	454.34	470.68	449.20	41.4	42.4	39.1	41.0	40.0	11.45	11.48	11.62	11.48	11.23
Other food & kindred products	304.98	303.64	299.81	298.10	300.85	39.2	39.9	39.5	39.8	40.6	7.78	7.61	7.59	7.49	7.41
Tobacco manufacturers	236.98	232.70	225.50	224.93	211.63	41.0	40.4	39.7	39.6	38.2	5.78	5.76	5.68	5.68	5.54
Textile mill products	241.60	243.32	236.96	235.32	237.07	37.4	37.9	37.2	37.0	38.8	6.46	6.42	6.37	6.36	6.11
Weaving mills, synthetics	279.34	279.86	274.05	273.91	276.28	41.2	41.4	40.6	40.7	42.9	6.78	6.76	6.75	6.73	6.44
Knitting mills	216.29	216.29	209.42	209.15	218.89	35.4	35.4	34.5	34.4	37.1	6.11	6.11	6.07	6.08	5.90
Knit outerwear mills	201.96	209.76	205.02	212.87	211.70	33.0	34.5	33.5	34.5	36.5	6.12	6.08	6.12	6.17	5.80
Knit underwear mills	190.51	194.93	195.86	187.04	197.29	33.6	34.5	35.1	33.7	36.2	5.67	5.65	5.58	5.55	5.45
Other knitting mills	274.75	255.15	233.21	226.75	264.01	42.4	38.6	36.1	35.1	39.7	6.48	6.61	6.46	6.46	6.65
Floor covering mills	354.60	346.06	362.10	338.18	334.78	40.9	41.1	42.4	40.5	41.9	8.67	8.42	8.54	8.35	7.99
Yarn & thread mills	196.01	202.22	191.16	197.64	192.75	35.9	36.7	35.4	36.6	36.3	5.46	5.51	5.40	5.40	5.31
Other textile mill prod.	257.15	264.31	257.28	255.42	250.10	39.2	40.6	40.2	39.6	40.8	6.56	6.51	6.40	6.45	6.13
Apparel & other textile products	196.72	197.57	198.48	197.91	188.38	33.8	34.3	34.7	34.3	33.7	5.82	5.76	5.72	5.77	5.59
Men's & boys' suits & coats	255.12	263.14	263.87	271.13	244.19	34.9	36.7	36.7	37.5	36.5	7.31	7.71	7.19	7.23	6.69
Men's & boys' furnishings	195.30	196.93	194.75	195.96	183.06	35.9	36.2	35.8	35.5	33.9	5.44	5.44	5.44	5.52	5.40
Men's & boys' shirts & nightwear	193.50	193.14	195.48	199.11	183.71	35.9	35.7	36.0	36.4	33.1	5.39	5.41	5.43	5.47	5.55
Men's & boys' separate trousers	214.48	207.44	196.80	188.19	196.02	36.6	35.4	33.3	32.9	36.1	5.86	5.86	5.91	5.72	5.43
Other furnishings & work clothing	186.20	194.99	192.77	197.47	174.49	35.4	37.0	37.0	36.1	33.3	5.26	5.27	5.21	5.47	5.24
Women's & misses' outerwear	179.55	178.54	179.03	175.15	177.88	31.5	31.6	31.8	31.0	32.4	5.70	5.65	5.63	5.65	5.49
Women's & children's undergarments	184.57	187.03	192.89	193.17	177.48	35.7	36.6	38.5	38.1	34.8	5.17	5.11	5.01	5.07	5.10
Children's outerwear	182.78	178.82	188.32	179.02	170.02	33.6	33.3	35.2	33.4	32.2	5.44	5.37	5.35	5.36	5.28
Other apparel & textile prod.	201.14	201.85	204.95	206.27	185.83	35.6	36.7	37.4	37.3	34.8	5.65	5.50	5.48	5.53	5.34

p/ Preliminary

HOURS AND EARNINGS FOR

Table 6. (concl.) MANUFACTURING AND SELECTED NONMANUFACTURING INDUSTRY DETAIL

INDUSTRY TITLE	PRODUCTION WORKER AVERAGES														
	GROSS WEEKLY EARNINGS					WEEKLY HOURS					HOURLY EARNINGS				
	DEC 1984 p/	NOV 1984	OCT 1984	SEPT 1984	DEC 1983	DEC 1984 p/	NOV 1984	OCT 1984	SEPT 1984	DEC 1983	DEC 1984 p/	NOV 1984	OCT 1984	SEPT 1984	DEC 1983
Paper & allied products	407.34	405.92	391.00	389.96	385.83	43.8	43.6	42.5	42.9	43.4	9.30	9.31	9.20	9.09	8.89
Paper mills exc. building paper	497.88	510.59	498.80	490.66	475.87	46.1	46.8	46.4	45.6	46.7	10.80	10.91	10.75	10.76	10.19
Paper board containers & boxes	400.50	408.16	391.55	401.82	379.99	44.5	45.1	43.7	44.4	42.6	9.00	9.05	8.96	9.05	8.92
Corrugated & solid fiber boxes	400.81	422.65	422.59	437.57	396.32	43.9	45.3	45.1	46.5	43.6	9.13	9.33	9.37	9.41	9.09
Other paperboard containers	400.49	395.55	361.24	366.74	362.30	45.1	45.0	42.3	42.3	41.5	8.88	8.79	8.54	8.67	8.73
Other paper & allied products	367.92	349.11	337.33	339.82	350.14	42.0	40.5	39.5	40.6	42.7	8.76	8.62	8.54	8.37	8.20
Printing & publishing	404.81	395.81	382.18	382.00	382.04	40.4	39.7	38.8	38.9	40.3	10.02	9.97	9.85	9.82	9.48
Newspapers	391.96	391.65	369.95	363.65	352.55	36.7	36.5	35.2	35.0	34.7	10.68	10.73	10.51	10.39	10.16
Books	313.21	323.33	358.66	299.98	373.15	37.6	38.4	39.5	34.8	42.5	8.33	8.42	9.08	8.62	8.78
Commercial printing	421.43	410.40	395.36	398.11	403.60	40.6	40.0	39.3	39.3	41.1	10.38	10.26	10.06	10.13	9.82
Manifold business forms	464.60	430.66	405.00	411.16	469.96	46.6	43.9	42.1	42.3	48.3	9.97	9.81	9.62	9.72	9.73
Other printing & publishing	397.00	383.35	368.95	383.55	336.51	42.1	41.0	39.8	41.6	40.3	9.43	9.35	9.27	9.22	8.35
Chemicals & allied products	483.91	483.48	468.42	466.57	445.20	43.4	43.4	42.2	42.3	42.4	11.15	11.14	11.10	11.03	10.50
Industrial inorganic chemicals	474.05	500.09	489.62	482.51	483.78	42.1	44.1	43.1	42.4	43.9	11.26	11.34	11.36	11.38	11.02
Plastic materials & synthetics	531.70	541.42	513.77	505.01	458.16	45.6	46.0	44.1	43.2	41.5	11.66	11.77	11.65	11.69	11.04
Drugs	489.30	481.74	479.98	473.41	466.77	42.4	42.0	41.2	41.6	41.9	11.54	11.47	11.65	11.38	11.14
Soap, cleaners & toilet goods	448.45	416.08	368.63	406.27	434.76	44.8	42.5	39.3	42.1	48.2	10.01	9.79	9.38	9.65	9.02
Paints & allied products	484.97	469.35	447.29	451.36	431.46	46.1	44.7	43.3	43.4	42.3	10.52	10.50	10.33	10.40	10.20
Other chemicals & allied prod.	469.03	473.00	462.16	458.53	413.24	42.6	43.0	42.4	42.3	41.2	11.01	11.00	10.90	10.84	10.03
Petroleum & coal products	560.67	565.04	558.31	566.10	572.47	43.7	43.7	44.1	45.0	43.7	12.83	12.93	12.66	12.58	13.10
Petroleum refining	606.50	624.96	611.39	611.47	615.26	44.4	44.8	44.4	44.6	44.2	13.66	13.95	13.77	13.71	13.92
Other petroleum & coal prod.	458.05	449.94	461.72	486.25	457.73	42.1	41.7	43.6	45.7	42.5	10.88	10.79	10.59	10.64	10.77
Rubber & misc. plastics products	345.70	356.58	341.14	338.25	337.38	41.5	42.4	41.3	41.0	41.6	8.33	8.41	8.26	8.25	8.11
Tires & inner tubes	460.90	537.68	449.60	436.45	470.85	41.9	47.0	41.4	40.3	43.8	11.00	11.44	10.86	10.83	10.75
Fabricated rubber prod., n.e.c.	414.99	442.26	430.59	421.79	370.36	43.5	47.2	46.3	45.5	40.3	9.54	9.37	9.30	9.27	9.19
Other rubber & plastic prod., n.e.c.	329.16	331.59	322.73	321.15	321.21	41.3	41.5	40.8	40.6	41.5	7.97	7.99	7.91	7.91	7.74
Leather & leather products	204.05	198.56	192.39	195.28	186.54	37.1	36.3	35.3	35.7	35.6	5.50	5.47	5.45	5.47	5.24
Footwear, exc. rubber	188.49	182.43	177.83	181.98	177.86	36.6	35.7	34.8	35.2	35.5	5.15	5.11	5.11	5.17	5.01
Men's footwear, exc. athletic	195.30	182.34	171.01	179.52	201.74	37.2	35.2	33.4	34.0	38.5	5.25	5.18	5.12	5.28	5.24
Women's footwear, exc. athletic	176.90	174.76	182.34	186.84	144.77	35.1	34.2	35.2	36.0	31.0	5.04	5.11	5.18	5.19	4.67
Other footwear	187.96	188.75	183.32	181.36	171.50	37.0	37.6	36.3	36.2	35.0	5.08	5.02	5.05	5.01	4.90
Other leather & leather prod.	259.96	257.08	241.61	246.38	219.85	38.8	38.6	37.0	37.5	36.1	6.70	6.66	6.53	6.57	6.09
SELECTED NONMANUFACTURING INDUSTRIES															
Anthracite Mining	448.08	451.36	444.51	392.03	391.96	39.9	40.7	40.3	35.9	35.6	11.23	11.09	11.03	10.92	11.01
Bituminous coal & lignite mining	612.93	600.25	580.38	610.06	496.62	42.3	41.8	40.7	41.9	35.6	14.49	14.36	14.26	14.56	13.95
Nonmetallic minerals, exc. fuels	426.05	451.25	442.74	440.86	449.64	44.8	47.4	46.9	47.1	48.4	9.51	9.52	9.44	9.36	9.29
Communication	530.95	540.43	520.09	528.08	502.63	41.0	41.7	40.6	41.0	40.6	12.95	12.96	12.81	12.88	12.38
Electric, gas, & sanitary services	568.09	588.88	570.41	558.11	529.62	42.3	43.3	42.6	41.9	42.1	13.43	13.60	13.39	13.32	12.58
Electric services	548.70	579.04	547.84	549.98	518.08	42.7	44.0	42.8	42.8	42.5	12.85	13.16	12.80	12.85	12.19
Gas production & distribution	459.41	468.47	460.20	441.54	452.08	38.9	39.5	39.0	37.9	40.4	11.81	11.86	11.80	11.65	11.19
General merchandise stores	164.40	160.40	163.79	170.54	167.80	30.0	28.9	29.3	30.4	31.6	5.48	5.55	5.59	5.61	5.31

p/ Preliminary